

User's manual

Precaution

In order to avoid accidents, please read user's manual carefully before operations.

1. Please take out battery if do not use the recorder for long time.
2. Please keep it from moisture, high temperature and dust, and don't put it near fire.
3. Please avoid collision when using the recorder.
4. Please do not take out the batteries during recording and playing. Otherwise it may cause crash problem and information loss.
5. Please backup files regularly in computer to avoid information loss which may be caused by misuse or breakdown.
6. We are not responsible for the recording failures which caused by misuse or damage of the recorder.
7. Please do not disassemble or replace the inner parts yourself. Please backup files before sending for repair. We are not responsible for the information loss which caused by repair.
8. We are not responsible for the user's recording without other's approval.
9. We reserve the right to modify the design and specifications. If there are any differences due to the different technology and manufacturing batch , please subject to the voice recorder.

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Function Overview

1. Mobile Bluetooth recording
2. Mobile phone answering and redialing
- 3 One button recording& playing
4. Four Recording modes:
 - LP: Long time recording
 - SP: High quality recording
 - HP: Ultra-high quality recording
 - SHQ: Super high quality
5. Timer recording
6. Voice Activated Recording (VOR/VAR)
7. External microphone recording
8. Telephone conversation recording
9. Supporting 24 languages operation
10. TF card extension
11. The password protecting
12. Recording files folder setting
13. Time setting
14. Recording monitor
15. Automatic section-break
16. 8-Class intelligent power control
17. Built-in high power loudspeaker
18. Built-in rechargeable heavy-duty polymer lithium battery

Appearance and Buttons

Operations

◆ Turn on/off

● Turn on:

Push the power switch (OFF/ON) to “ON” side. The screen will lighten up, the recorder is turned on. In the power-off condition, Long time press ►■ button, the screen is lighted up and “ON” shows on it, the recorder turns on.

● Turn off:

Push the power switch (OFF/ON) to “OFF” side. The screen shows “OFF” and the recorder turns off. In any standby condition, long time press ►■ button, the screen shows “OFF” and the recorder turns off. The recorder will automatically turn off if there is no further operation in two minutes.



Power-off condition: Turn off the recorder without turning the power switch off.

● Insert TF card

Inserting the TF card under turned off condition as follows:

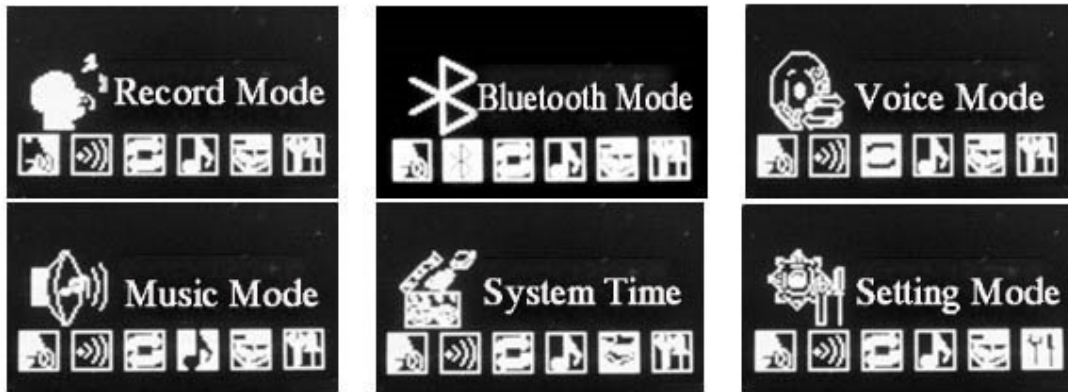


After the installing, please select the card inserting menu if you want to use TF card. Pressing down the card under turned off condition, it will pop out automatically.

Supporting 128MB—8GB TF card

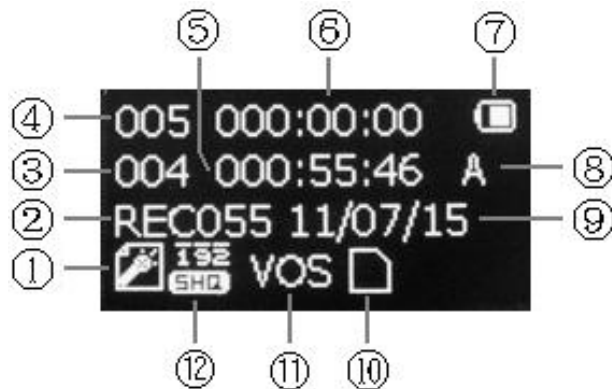
◆ Main menu

Long-time press “M” button to enter the main menu at standby condition. The screen of the main menu display as follows:




◆ Record Mode

Press ◀▶ buttons at the main menu interface to select record mode. Press “M” button to confirm your selection. Long time repress “M” button to return to main menu. The screen of recording mode display as follows:






- ①Record mode
- ②Serial number of file
- ③Total files
- ④The number of current file
- ⑤Total time of surplus recording files
- ⑥Time of current recording file
- ⑦Electric quantity
- ⑧Recording files folder
- ⑨Date of file
- ⑩Menu of storage
- Identification of VAR
- record type

● One button Recording


Press  button in any pause or stop condition could start recording.

- **Recording pause and saving**

Press  button start recording, press  button to stop recording and repress it to start again. Press  button, recording stops and it is saved

- **Recording monitor**



Stop the recording and then press the “+” or “-” to select the volume according to your need.

After finishing the adjustment, you can press  to start recording monitor. Listening with earphone when the recording is proceeding, you can hear what you are recording and various effects of recording in different conditions.



- **Automatic section-break**

After recording for full 3 hours, it will automatically start a new file to continue recording.

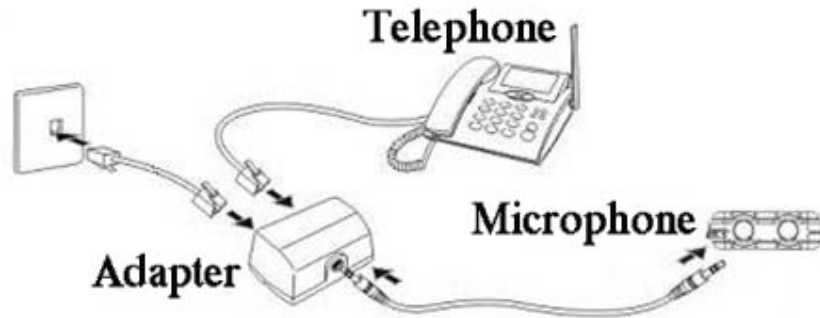
- **Recording menu**

Press “M” button to enter in menu mode. Pressing  or  button to select the playback modes.

1. Local folder: Recording file store in the internal memory.
2. Card inserting menu (Displaying after card inserting): Recording file store in the TF card.
3. Record mode: AVR, Normal
AVR adjust: 1-31 (Adjust the sensitivity for VAR. The numerical value is smaller; the activation of VAR will be more difficult. The “VOS” is twinkle continuously when the VAR turn on).
4. Record type: SHQ 192K: HQ 128K: SP 64K: LP 32K
5. Folder select: A, B, C. you can save the recording files separately.

Press “M” button to enter in the entire above menu. Pressing  or  button to setting parameter and repress “M” button return to main menu.

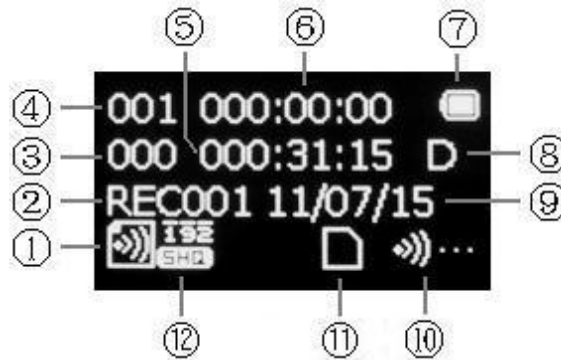
- **Telephone record**



Connect the telephone under the turn off condition as the picture displaying, and then turn on the recorder start recording.

◆ Bluetooth mode

Press ◀▶ buttons at the main menu interface to select bluetooth mode. Press “M” button to confirm your selection. Long time repress “M” button to return to main menu. The screen of Bluetooth mode display as follows:





- ① Bluetooth mode
- ② Serial number of current file
- ③ Total files
- ④ The number of current file
- ⑤ Total time of surplus recording files
- ⑥ Time of current recording file
- ⑦ Electric quantity
- ⑧ Recording files folder
- ⑨ Date of file
- ⑩ Bluetooth record
- ⑪ Storage menu
- ⑫ Record type

● Mobile phone Bluetooth connection:




Turn the switch to , it displays connecting condition .


Turn on the Bluetooth function of your mobile phone, and then search HNSAT. Connect your mobile phone with HNSAT. Please enter 0000 if there is any password needed on your mobile phone. Otherwise you can connect it directly. Then it will display .

● Mobile phone answering and redialing



Long time presses  call back, short time press  answer. You can listen to opposite side's voice with earphone. Opposite side could listen to your voice if you speaking to the recorder. Pressing the "+" or "-" to select the volume according to your need.

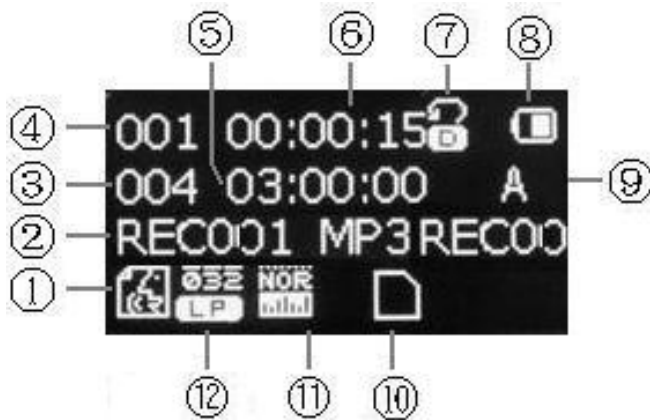
● **Mobile phone record**

Press  button start recording during the dialogue. Press  button pause recording, repress to continue recording. Pressing  button to stop and it is saved. The recording files will save in folder D automatically.

Attention: Press  button means normal recording if no message.

◆ **Voice mode**

Press   buttons at the main menu interface to select voice mode. Press "M" button to confirm your selection. Long time repress "M" button to return to main menu. The screen of voice mode display as follows:



- ① Voice mode
- ② Serial number of current file and display
- ③ Total files
- ④ The number of current file
- ⑤ Total time of current recording files
- ⑥ Time of current recording file
- ⑦ Circulate mode
- ⑧ Electric quantity
- ⑨ Recording files folder
- ⑩ Display menu
- Ⓜ Sound effect mode
- Ⓜ Current record mode

● **One button Playing**

In recording ceasing condition, press  button to play the present recordings.

- **Play/Pause**

Press ►■ button to start playing, repress ►■ to pause.

- **Fast forward/backward**

Press ◀◀ button for last file when recording is playing. Press ▶▶ button for next one.

Long time press ◀◀ or ▶▶ for backward or fast forward while playing.

- **Volume adjustment**

Press "+" or "-" adjust the volume.

- **A-B marker repeat**

Press ● button in playing condition to confirm point "A", then repress ● to confirm point "B". The recorder starts to repeat from A to B. Press "M" or ►■ button to stop repeating. The repeat will cancel automatically after three times playing.

- **Play menu setting**

Press "M" buttons enter in play menu. Press ◀◀ or ▶▶ select setting menu.

Repeat: Normal, Repeat all, Random, Intro

Equalizer: Natural, Pop, Classic, Soft, Jazz, DBB

Press "M" button to enter in the entire above menu. Pressing ◀◀ or ▶▶ button to set parameter and repress "M" button return to main menu.

- **Select/Delete**

Press "M" button to enter in menu mode. Pressing ◀◀ or ▶▶ button select setting menu:

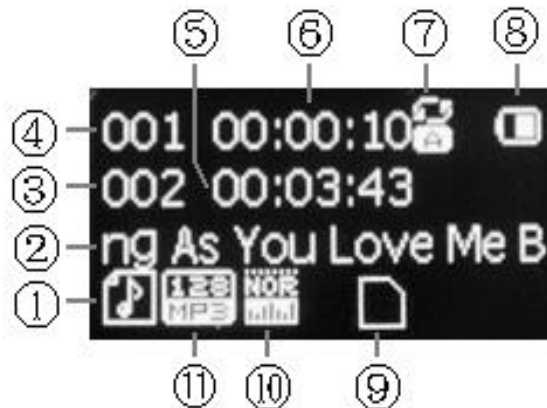
Local folder, Card inserting menu, Delete files, Delete all (Delete all the files in a folder)

Pressing ◀◀ or ▶▶ button to select "YES/NO", then pressing "M" button to confirm your selection.

- ◆ **Music Mode**

Press ◀◀/▶▶ buttons at the main menu interface to select music mode. Press "M" button to confirm your selection. Long time repress "M" button to return to main menu. The screen

of music mode display as follows:

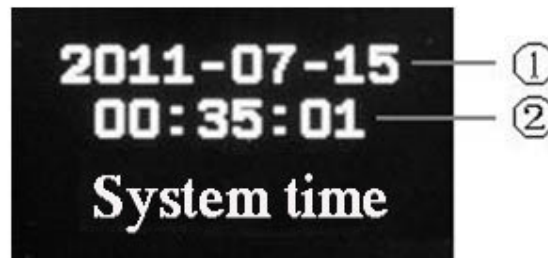


- ① Music mode
- ② Music information and play
- ③ Total music
- ④ The number of current music
- ⑤ Total time of current music
- ⑥ Time of current playing
- ⑦ Circulate mode
- ⑧ Electric quantity
- ⑨ Play menu
- ⑩ Equalizer mode
- ⑪ Music type

The operation is the same as voice mode.

◆ System time

Press ◀▶ buttons at the main menu interface to select system time. Press “M” button to confirm your selection. The screen of system time displaying as follows:



①YY-MM-DD ②Hour: Minute: Second

Press ◀ or ▶ to select the part you want to adjust, the part which is selected will twinkle continuously, press “+” or “-” to adjust the time. Then press “M” button to return to main menu.

◆ Setting mode

Press ◀▶ buttons at the main menu interface to select system time. Press “M” button

to confirm your selection. Long time press “M” button to return to main menu.

- **Backlight**

0-60 : 0 is normal backlight. You can select 1 to 60 seconds. The backlight will turn off automatically after the setting time.

- **Language**

Simple Chinese, traditional Chinese, English, Japanese, Korea, French, Germany, Italy, Dutch, Portuguese, Spanish, Swedish, Czech, Derish, Poland, Russia, Turkey, Hebrew, Thal, Hungarian, Romanian, Arabic, Greek, Indonesian.

- **Contrast**

0-15 : adjust the contrast of screen

- **Memory info**

? ? ? ? M < ? ? % > : Total memory and used memory.

- **Firmware version**

Date and edition of the Firmware

- **Password set**

“0000” means there is on password needed when the recorder connect with the PC. Press

◀◀ or ▶▶ to select the part you want to adjust, the part which is selected will twinkle continuously, press “+” or “-” to adjust the number. Then press “M” button to save and return to main menu. The recorder needs input password after the password setting.

- **Auto record**

1. Record (on/off)
2. Record cycle

One time: record according to setting time (Press ◀◀ or ▶▶ to select month, press “+” or “-” to select day)

Every day: Record automatically every day according to setting time

Weekly: Record automatically every week according to setting time

Press “M” buttons enter in record cycle. Press ◀◀ or ▶▶ button selects record cycle.

Press “M” buttons to confirm your selection. Press ▶■ button returns to main menu.

3. Record time

Select start time and end time

Press ◀◀ or ▶▶ to select the part you want to adjust, the part which is selected will twinkle continuously, press “+” or “-” to adjust the time. Then press “M” button to return to main menu.



Time reservation function is available under the power-off condition or the standby condition. Please insure the power is enough and do not turn the switch off.

◆ Connect with computer

With built-in rechargeable heavy-duty polymer lithium battery, the recorder can use as USB flash disk and charging automatically when connecting with computer. It will stop charging when the power is full about 3-4 hours later.

Attention: please push the power switch before charging. Then the computer could distinguish the electric quantity exactly.

Press the right mouth button on the popping icon when you finish the operation.
Please follow the prompt of the computer

◆ Problems and Solutions

Problem	Reasons	Solutions
The recorder can not turn on	The battery doesn't have enough power.	Please charging immediately
Unable to record	The battery doesn't have enough power. The number of files is full	Please charging immediately Delete some files
The recording file is frozen	The recording time is less than one second. The recording file is broken	Make sure effective recording time Delete the broken recording file
No sound when playing files	The battery doesn't have enough power. Check whether the earphone is attached. Whether the volume is adjust to the lowest.	Please charging immediately Remove the earphone Adjust the volume

No sound for the earphone	Check whether the earphone is correctly connected. Whether the volume is adjust to the lowest.	Make sure the earphone is correctly connected. Adjust the volume
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◆ Technical specification

Size: 93mm*31mm*14mm	Weight: 38g/81g
Power: Polymer battery 3.7V 380mAh	Recording time: 17 hours
Flash memory: 2GB to 8GB	
TF card capacity:128MB ~ 8GB	
Sampling rate: LP 32Kbps/SP 64Kbps/HQ 128Kbps/SHQ 192Kbps	
2GB LP 140 hours/SP 70 hours/HQ 35 hours/SHQ 23 hours	
4GB LP 283 hours/SP 141 hours/HQ 70 hours/SHQ 47 hours	
8GB LP 555 hours/SP 277 hours/HQ 138 hours/SHQ 92 hours	
Supporting system:Windows98/Me/2000/XP/Vista/7	
Music format: MP3 WMA	
Record format : MP3	